

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20070187236"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 13:39
S2	2	"20070125645"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 13:43
S3	2	WO "2005093124"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 13:59
S4	159	(Yuichiro near2 Nakamura). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:17
S5	10	(Akira near2 Hisano).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:17
S6	7266	(Nippon adj2 Mining).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:17
S7	165	(S4 or S5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:18
S8	7256	S6 not (S7 or S5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:22

S9	7246	S8 and (sputter\$4 or target or (cobalt or co))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:23
S10	366	S8 and (sputter\$4 or target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:23
S11	363	S10 and (cobalt or co!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:23
S12	127	S11 and (inter\$1metallic or oxide or carbide or carbo41nitride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:26
S13	240	(Co adj2 Cr adj2 Pt adj2 B or Co-Cr-Pt-B)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:28
S14	217	S13 and (sputter\$4 or target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:28
S15	2	JP "11293454"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S16	2	JP "09228037"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S17	2	JP "06136524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40

S18	2	JP "2003226954"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S19	2	JP "2002069623"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:40
S20	2	JP "2001026860"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S21	2	JP "2002069625"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S22	3	US "6153315"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S23	2	JP "2000199054"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:41
S24	2	JP "03257158"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:42
S25	21	(S15 or S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 14:43
S26	1	WO "2004009865"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:32

S27	2	JP "03257158"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:32
S28	1137	(sputter\$4 same target) and (cobalt or co!) near5 (chromium or cr!) and (rough\$1ness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:35
S29	567	(sputter\$4 same target) and (cobalt or co!) near5 (chromium or cr!) and (rough\$1ness) and (lathe or grinding or polish\$4 or sanding or sanded)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:36
S30	22	(sputter\$4 same target).ab. and (cobalt or co!) near5 (chromium or cr!) and (rough\$1ness) and (lathe or grinding or polish\$4 or sanding or sanded)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:36
S31	1870	204/298.12,298.13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:38
S32	1602	S31 and (sputter\$\$ near5 target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:38
S33	602	S32 and (oxide or inter \$1metallic or caride or carbo \$1nitride or boride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:39
S34	157	S33 and (particle or inclusion or carbide or oxide or boride or carbonitride) near5 (diameter or micron or nm or ".mu.m")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:40
S35	76	S33 and roughness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:41

S36	234	S33 and (polish or polished or polishing or grind or ground or grinding or sand or sanded or sanding or grit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:42
S37	321	S34 or S35 or S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:42
S38	259	(Co near3 Cr near3 Pt near3 B) and sputter\$4 and (cathode or target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:30
S39	119	S38 and (nodule or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:31
S40	109	(Co near3 Cr near3 Pt near3 B) and sputter\$4 and (cathode or target) and (polish\$4 or grind\$4 or sand \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:33
S41	10	(Co near3 Cr near3 Pt near3 B) and sputter\$4 and (cathode or target) and (lathe or lathing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:33
S42	1	WO "1997031739"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:37
S43	0	(Co near3 Cr near3 Pt near3 B) and (planar or flat) same (lathe or lathing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:39
S44	0	(sputter near5 target) same (planar or flat) same (lathe or lathing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:40

S45	1	(sputter\$4 near5 target) same (planar or flat) same (lathe or lathing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:40
S46	9	(sputter\$4 near5 target) same (grind\$4 or sand\$4 or lapp\$4 or polish\$4) same grit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:43
S47	144	target same (grind\$4 or sand \$4 or lapp\$4 or polish\$4) same grit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:44
S48	27	S47 and (sputter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:44
S49	8	"4895592"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:46
S50	1189	148/425.ccls. or 420/435,436.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:50
S51	87	S50 and (cobalt or co!) and (chromium or cr!) and (platinum or pt!) and (boron or b!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:50
S52	48	S51 and (cathode or sputter \$4 or target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 17:51
S53	2390	C22C019/07.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:00

S54	11524	M26-B08\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:00
S55	957	(S53 or S54) and (cobalt or co!) and (chromium or cr!) and (platinum or pt!) and (boron or b!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:01
S56	126	S55 and (cathode or sputter \$4 or target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:01
S57	102	S56 not S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:01
S58	12800	C23C014/34.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:16
S59	2219	C23C014/35.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:16
S60	1247	H01F041/18.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:16
S62	6971	H01L021/285.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:17
S63	1006	M13-G02A\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:17

S64	11475	(S58 or S59 or S60 or S61 or S62 or S63) and sputter \$4 and (target or cathode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:18
S65	147	S64 and rough\$ness and (polish\$4 or grind\$4 or lapp \$4 or sand\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:19
S66	451	S64 and (cobalt or co!) and (chromium or cr!) and (platinum or pt!) and (boron or b!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:19
S67	57	S64 and (lathe or lathing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:19
S68	130	S64 and (oxide or boride or intermetallic or carbonitride) same (particle near3 (size or diameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:20
S69	30	S64 and (oxide or boride or intermetallic or carbonitride) same (volume or vol) same (percent or ".percent." or "%")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:21
S70	116	S64 and (cobalt or co!) same (chromium or cr!) same (platinum or pt!) same (boron or b!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:21
S71	12	S64 and rough\$ness and (polish\$4 or grind\$4 or lapp \$4 or sand\$4) and grit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:23
S72	93	target and sputter\$4 and lathe same (mm or millimeters)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:35



S73	75	S68 and (cobalt or co!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:45
S74	29	S68 and (cobalt or co!) and (chromium or cr!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:45
S75	84	(Tomonori near2 Ueno).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:51
S76	48	(Wenjun near2 Zhang).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S77	15	(Michael near2 Bartholomeusz).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S78	28	(Abdelouahab near2 Ziani). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S79	5776	Heraeus.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:52
S80	67	(S75 or S76 or S77 or S78) and sputter\$4 and target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:53

S81	81	(US-20070125645-\$ or US-20040103750-\$ or US-20070187236-\$ or US-20070175753-\$ or US-20080116066-\$ or US-20070062806-\$ or US-20070062807-\$ or US-20020003009-\$ or US-20020170821-\$ or US-20040018110-\$ or US-20050277002-\$ or US-20050274221-\$ or US-20030155235-\$ or US-20040188249-\$ or US-20040208774-\$ or US-20020106297-\$ or US-20010030172-\$).did. or (US-7344660-\$ or US-6106895-\$ or US-6521062-\$ or US-6759005-\$ or US-6797137-\$ or US-7314650-\$ or US-6309556-\$ or US-5976326-\$ or US-5997704-\$ or US-6001227-\$ or US-6171455-\$ or US-6875325-\$ or US-5709783-\$ or US-5428882-\$ or US-4895592-\$ or US-4992095-\$ or US-5282946-\$ or US-5728279-\$ or US-6599377-\$ or US-6153315-\$ or US-6284111-\$ or US-5354446-\$).did. or (WO-2005093124-\$ or WO-2004001092-\$ or EP-1876258-\$ or WO-2008001547-\$ or WO-2007097396-\$ or WO-2007043215-\$).did. or (JP-10110264-\$ or JP-10251848-\$ or JP-11350122-\$ or JP-2000239835-\$ or JP-03115564-\$ or JP-03115563-\$ or JP-03115562-\$ or JP-2001009670-\$ or JP-2007291522-\$ or JP-2001073125-\$ or JP-2005146290-\$ or JP-05148631-\$ or JP-2002069623-\$ or JP-03257158-\$ or JP-06136524-\$ or JP-09228037-\$ or JP-2000199054-\$ or JP-2001026860-\$ or JP-2002069625-\$ or JP-2000158201-\$).did. or (WO-2008096648-\$ or WO-2008041535-\$ or WO-2007043215-\$ or WO-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/11/03 18:53
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		8707650-\$ or WO-2006134694-\$ or WO-2004009865-\$ or EP-1746173-\$ or EP-872572-\$ or JP-11293454-\$ or JP-2002069625-\$ or JP-2003226954-\$ or JP-2002069623-\$ or WO-9731739-\$ or DE-4410114-\$ or DE-19508535-\$ or JP-2001262327-\$).did.				
S82	59	S80 not S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 18:53
S83	287	S79 and sputter\$4 and target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 19:04
S84	99	S83 and (cobalt or co!) and (chromium or cr!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 19:04
S85	69	S84 not (S82 or S81)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 19:04
S86	5172	sputter\$4 and target and (sand\$4 or polish\$4 or grind \$4) same (micron or ".mu. m" or inch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:45
S87	3318	sputter\$4 and target and (sand\$4 or polish\$4 or grind \$4) same (micron or ".mu. m" or inch) same surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:46
S88	49	"451".clas. and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:46

S89	175	(sputter\$4 and target).ab. and (sand\$4 or polish\$4 or grind\$4) same (micron or "" mu.m"" or inch) same surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:50
S90	7	(sputter\$4 and target).ab. and (sand\$4 or polish\$4 or grind\$4) same (micron or "" mu.m"" or inch) near5 (remov\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 15:57
S91	12	(Vijay near2 Parkhe).in. and (sand\$4 or polish\$4 or grind \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/04 16:04
S92	47	(Christopher near2 Michaluk).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 14:15
S93	180	(sputter\$4 same target) and (lathe or lathing) and (flat or planar or parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:15
S94	28	(sputter\$4 same target) and (lathe or lathing) same (flat or planar or parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:15
S95	7559	(lathe or lathing) same (machin\$8 or cutt\$4) same (flat or planar or parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:17
S96	32	(cobalt) same (lathe or lathing) same (machin\$8 or cutt\$4) same (flat or planar or parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:18

S97	41	(US-20070187236-\$ or US-20020003009-\$ or US-20040018110-\$ or US-20050277002-\$ or US-20030155235-\$ or US-20040188249-\$ or US-20040208774-\$ or US-20020106297-\$ or US-20010030172-\$ or US-20020023698-\$ or US-20070215463-\$).did. or (US-6521062-\$ or US-6309556-\$ or US-5997704-\$ or US-6171455-\$ or US-5428882-\$ or US-4895592-\$ or US-4992095-\$ or US-5282946-\$ or US-5728279-\$ or US-6599377-\$ or US-6284111-\$ or US-6074279-\$ or US-5409517-\$).did. or (JP-2001073125-\$ or JP-2005146290-\$ or JP-05148631-\$ or JP-2002069623-\$ or JP-03257158-\$ or JP-06136524-\$ or JP-09228037-\$ or JP-2001026860-\$ or JP-2000158201-\$ or JP-2002208125-\$).did. or (EP-1746173-\$ or EP-872572-\$ or JP-11293454-\$ or JP-2002069625-\$ or DE-4410114-\$ or DE-19508535-\$ or JP-2001262327-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/11/06 15:22
S98	5	S97 and rare adj2 earth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:22
S99	13	S97 and (lathe or flat or flatness or planar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:22
S100	1	(sputter\$4 target) same (lathe) same (flat or flatness or planar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:32

S101	1	(sputter\$4 and target) same (lathe) same (flat or flatness or planar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:33
S102	20	(target) same (lathe) same (flat or flatness or planar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:33
S103	21	(sputter\$4 same target) and lathe same (flat or flatness or planar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:34
S104	2	(sputter\$4 same target) same lathe same smooth\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:35
S105	76	(sputter\$4 same target) same lathe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:36
S106	68	S105 not (S104 or S103 or S102 or S99)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 15:36
S107	5	S97 and (flat or flatness)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/11/06 15:41
S108	23	(ueno near2 tomonori).in. and (sputter\$4 same target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:36
S109	0	S108 and lathe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:36

S110	117	praxair.as. and (sputter\$4 same target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:37
S111	3	praxair.as. and (sputter\$4 same target) and lathe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:37
S112	290	(sputter\$4 same target) and lathe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:37
S113	281	(sputter\$4 same target) and lathe and (flat or flatness or flat-ness or smooth or surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:38
S114	215	(sputter\$4 same target) and lathe same3 (flat or flatness or flat-ness or smooth or surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:38
S115	182	(sputter\$4 same target) and lathe same (flat or flatness or flat-ness or smooth or surface OR level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:40
S116	184	(sputter\$4 same target) and lathe same (flat or flatness or flat-ness or smooth or surface or level\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:40
S117	36	(sputter\$4 same target) and lathe same (flat or flatness or flat-ness or level\$4 or planed or plane or planar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:41
S118	36	(sputter\$4 same target) and lathe same (flat or flatness or flat-ness or level\$4 or planed or plane or planar or paralelle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:41

S119	36	(sputter\$4 same target) and lathe same (flat or flatness or flat-ness or level\$4 or planed or plane or planar or parallell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:41
S120	43	(sputter\$4 same target) and lathe same (flat or flatness or flat-ness or level\$4 or planed or plane or planar or parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:41
S121	53	(sputter\$4 same target) and lath\$4 same (flat or flatness or flat-ness or level\$4 or planed or plane or planar or parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/06 16:45
S122	393	148/408,425,674.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:38
S123	804843	(cobalt or co!) and (chromium or cr!) and (platinum or pt!) and (boron or b!) or Co-Cr-Pt-B or Co-Cr-Pt-Ta-B	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:39
S124	34	S122 and S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:39
S125	1362	S123 and "148".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:39
S126	594	S125 and roll\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:40
S127	302	S125 and (reduction or percent or '%') same roll\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:41



S128	74	420/435,436.ccls. and S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:42
S129	97	C22C019/07.ipc. and S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:42
S130	39	C22F001/10.ipc. and S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:43
S131	860	M26-B08\$2 and S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:45
S132	40	S131 and roll\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:45
S133	226	S124 or S128 or S129 or S130 or S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 18:46
S134	276	S127 not S133	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:09
S135	58	S134 and (sputter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:09
S136	9254	S123 and sputter\$4 and target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:15

S137	2129	S136 and roll\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:15
S138	398	S136 and roll\$4 same (reduction or percent or percentage or '%')	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:15
S139	354	S138 not (S135 or S130 or S129 or S128 or S124)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:16
S140	84	(Tomonori near2 Ueno).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:24
S141	48	(Wenjun near2 Zhang).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:24
S142	15	(Michael near2 Bartholomeusz).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:24
S143	28	(Abdelouahab near2 Ziani). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:24
S144	67	(S140 or S141 or S142 or S143) and sputter\$4 and target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:24

S145	49	(US-20070187236-\$ or US-20020003009-\$ or US-20040018110-\$ or US-20050277002-\$ or US-20030155235-\$ or US-20040188249-\$ or US-20040208774-\$ or US-20020106297-\$ or US-20010030172-\$ or US-20020023698-\$ or US-20070215463-\$ or US-20070169853-\$ or US-20050183797-\$ or US-20020063056-\$).did. or (US-6521062-\$ or US-6309556-\$ or US-5997704-\$ or US-6171455-\$ or US-5428882-\$ or US-4895592-\$ or US-4992095-\$ or US-5282946-\$ or US-5728279-\$ or US-6599377-\$ or US-6284111-\$ or US-6074279-\$ or US-5409517-\$ or US-6398880-\$).did. or (JP-2001073125-\$ or JP-2005146290-\$ or JP-05148631-\$ or JP-2002069623-\$ or JP-03257158-\$ or JP-06136524-\$ or JP-09228037-\$ or JP-2001026860-\$ or JP-2000158201-\$ or JP-2002208125-\$ or JP-2002226970-\$).did. or (EP-1746173-\$ or EP-872572-\$ or JP-11293454-\$ or JP-2002069625-\$ or DE-4410114-\$ or DE-19508535-\$ or JP-2001262327-\$ or JP-2008023545-\$ or US-6514358-\$ or WO-2005064037-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/11/08 19:24
S146	57	S144 not S145	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:24
S147	3818	(hot adj2 roll\$4 or hot-roll \$4) same (reduction or ratio) same (percentage or percent or '%')	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:33

S148	32	S147 and sputter\$4 same target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/08 19:33
S149	76	(Ranjan near2 Ray).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:07
S150	5	S149 and sputter\$4 and roll \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:08
S151	1336	(cobalt or co) near5 (alloy or base or balance or target or sputter\$) and roll\$4 same (reduction or ratio) same (percent or '%')	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:09
S152	45	(cobalt or co) near5 (alloy or base or balance or target or sputter\$) and roll\$4 same (reduction or ratio) same (percent or '%') and sputter \$4 same target	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:09
S153	7266	(Nippon adj2 Mining).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:30
S154	159	(Yuichiro near2 Nakamura).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:30
S155	10	(Akira near2 Hisano).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:30
S156	8570	Nikko.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:31

S157	3399	Praxair.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:31
S158	5777	Heraeus.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:31
S159	1410	(S153 or S154 or S155 or S156) and roll\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:31
S160	42	S159 and (sputter\$4 same target)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:31
S161	70	(S157 or S158) and sputter \$4 same target and roll\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:34
S162	35	S161 and (cobalt or co)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:34
S163	35	(cobalt or co) same sputter\$ same target and roll\$4	JPO	ADJ	ON	2008/11/10 14:36

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